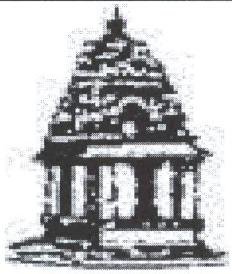

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : Improvements to Road and Drains at Agrahara Village in ward No 05 Byatarayanapura Sub Division

Estimated Cost : 20.00 Lakhs

Job Code:

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements to Road and Drains at Agrahara Village in ward No 05 Byatarayanapura Sub Division

									Estimate Cost Rs.	2000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount	
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2013-14	cum								
	For Road Surface									
	Agrahara Village Muneshwara Layout 1st Cross		1	98.60	5.00	0.20	98.60			
	2nd Cross		1	58.70	5.00	0.20	58.70			
	3rd Cross		1	115.50	5.00	0.20	115.50			
	Desilting of Drains									
	Agrahara Village Muneshwara Layout 1st Cross		1	98.60	0.45	0.25	11.09			
	2nd Cross		1	58.70	0.45	0.20	5.28			
	3rd Cross		1	115.50	0.45	0.25	12.99			
							301.80	126.36	**38135.00**	
	Basic Rate	117.00								
	Area Weightage @ 8%	9.36								
	Total	**126.36**								
2	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	**Cum**								
	Agrahara Village Muneshwara Layout 1st Cross		1	98.60	5.00	0.15	73.95			
	2nd Cross		1	58.70	5.00	0.15	44.03			
	3rd Cross		1	115.50	5.00	0.15	86.63			
							202.50	4290.84	**868895.00**	
	Basic Rate	3973.00								
	Area Weightage @ 8%	317.84								
	Total	**4290.84**								

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.34/ PWD SR 2013-14	Sqm							
	Agrahara Village Muneshwara Layout 1st Cross		2	98.60		0.10	19.72		
	2nd Cross		2	58.70		0.10	11.74		
	3rd Cross		2	115.50		0.10	23.10		
							54.00	**244.08**	**13180.00**
	Basic Rate	226.00							
	Area Weightage @ 8%	18.08							
	Total	**244.08**							
4	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 for raft foundation, column footing, main and secondary beams. Page No. 19/ Item No. 4.48.1/ PWD SR 2013-14	Cum							
	Agrahara Village Muneshwara Layout 1st Cross		1	98.60	5.00	0.10	49.30		
	2nd Cross		1	58.70	5.00	0.10	29.35		
	3rd Cross		1	115.50	5.00	0.10	57.75		
							135.00	6464.88	**872759.00**
	Basic Rate	5986.00							
	Area Weightage @ 8%	478.88							
	Total	**6464.88**							
5	KSRRB M2600-3: (ii) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, No. 248/ Item No. 31.3 PWD SR 2013-14	M							
	Murthy's House Road		30	5.00			150.00		
			33	5.00			165.00		
							315.00	137.16	**43205.00**
	Basic Rate	127.00							
	Area Weightage @ 8%	10.16							
	Total	**137.16**							
6	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift No. 187/ Item No. 22.7/	Sqm							
	Agrahara Village Muneshwara Layout 1st Cross		1	98.60	5.00		493.00		
	2nd Cross		1	58.70	5.00		293.50		
	3rd Cross		1	115.50	5.00		577.50		
							1350.00	91.80	**123930.00**
	Basic Rate	85.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	6.80							
	Total	**91.80**							
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				**273.46**		
	Average Weight of Earth 1.28 Ton/Cum						**273.46**	62.20	**17009.00**
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							
	Total	**67.32**							
						Grand Total			**1785071.00**
8	For 1% Third Party Charges								**17851.00**
9	KRIDL Charges and Labour Cess 11%								**196358.00**
10	Miscesallaneous Charges	L/S							**720.00**
								Total	**2000000.00**

(Rupees Twenty Lakhs Only)

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2012-13
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
KRIDL

Assistant Engineer
Ward No. 05(Jakkur)

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Technical Manager
KRIDL

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division